



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
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D4659-1

Job Sheet 200475



Part No: D4659-1

Job Qty: 4 pcs

Part Name: Bracket LH



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 9/11/19

Job Tracking No:

Due Date: 9/27/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV A IPP REV:A NEW ISSUE 12-06-01 JLM VERIFIED BY:DD

Ship Via:

## Bill of Materials

## Job Routing

| Op No | Operation           | Qty | Start Date | Due Date | Standard |      | Workcenter/Supplier   |           | Sign-off |
|-------|---------------------|-----|------------|----------|----------|------|-----------------------|-----------|----------|
|       |                     |     |            |          | Setup    | Run  | Workcenter / Supplier | Lead Time |          |
| 105   | Waterjet - Flow - 1 | 4   |            | 9/27/19  | 0.17     | 0.17 | Waterjet - Flow       | 9/24/19   | JRB      |
|       |                     | pcs |            |          |          |      |                       |           |          |
| 110   | QC 2                | 4   |            | 9/27/19  | 0.00     | 0.00 | QC 2 - 1              |           |          |
|       |                     | pcs |            |          |          |      | QC 2 - 12             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 14             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 17             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 19             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 2              |           |          |
|       |                     |     |            |          |          |      | QC 2 - 20             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 22             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 23             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 25             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 32             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 33             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 35             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 39             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 4              |           |          |
|       |                     |     |            |          |          |      | QC 2 - 40             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 44             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 45             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 48             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 49             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 50             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 51             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 52             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 57             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 62             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 63             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 8              |           |          |
|       |                     |     |            |          |          |      | QC 2 - 66             |           |          |
|       |                     |     |            |          |          |      | QC 2 - 64             |           |          |

**PRIORITY**

Dart Aerospace Ltd.  
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Container No: S216402



Part: D4659-1

Job No: 200475

Serial No/Batch: S216402

Revision: A

Inspector:

Exp Date:

Instructions: Various STC's

Date: 09/24/19

Plex 9/11/19 2:56 PM Dart.lajeunesse.marie

|                                    |          |         |           |                             |                  |
|------------------------------------|----------|---------|-----------|-----------------------------|------------------|
| 125 QC 8                           | 4<br>pcs | 9/27/19 | 0.00 0.00 | QC 2 - 65                   |                  |
|                                    |          |         |           | QC 2 - 5                    |                  |
|                                    |          |         |           | QC 2 - 71                   |                  |
|                                    |          |         |           | QC 2 - 73                   |                  |
|                                    |          |         |           | QC 2 - 69                   | JRB 9/24/19      |
|                                    |          |         |           | QC 8 - 12                   |                  |
|                                    |          |         |           | QC 8 - 14                   |                  |
|                                    |          |         |           | QC 8 - 17                   |                  |
|                                    |          |         |           | QC 8 - 20                   |                  |
|                                    |          |         |           | QC 8 - 25                   |                  |
|                                    |          |         |           | QC 8 - 3                    |                  |
|                                    |          |         |           | QC 8 - 32                   |                  |
|                                    |          |         |           | QC 8 - 33                   |                  |
|                                    |          |         |           | QC 8 - 35                   |                  |
|                                    |          |         |           | QC 8 - 39                   |                  |
|                                    |          |         |           | QC 8 - 4                    |                  |
|                                    |          |         |           | QC 8 - 44                   |                  |
|                                    |          |         |           | QC 8 - 45                   |                  |
|                                    |          |         |           | QC 8 - 49                   |                  |
|                                    |          |         |           | QC 8 - 58                   |                  |
|                                    |          |         |           | QC 8 - 8                    |                  |
|                                    |          |         |           | QC 8 - 9                    |                  |
|                                    |          |         |           | QC 8 - 68                   |                  |
|                                    |          |         |           | QC 8 - 67                   |                  |
|                                    |          |         |           | QC 8 - 1 (A)                |                  |
|                                    |          |         |           | QC 8 - 47                   | DAS 40           |
|                                    |          |         |           | QC 8 - 40                   | SEP 24 2019 9-59 |
|                                    |          |         |           | QC 8 - 52                   |                  |
|                                    |          |         |           | QC 8 - 23                   |                  |
|                                    |          |         |           | QC 8 - 57                   |                  |
|                                    |          |         |           | QC 8 - 76                   | DAS 30           |
| 140 Small Fab - Brake NC - B4B     | 4<br>pcs | 9/27/19 | 0.25 0.05 | Small Fab - Brake - 1 - B4B | SEP 26 2019 9-59 |
|                                    |          |         |           | Small Fab - Brake - 2 - B4B |                  |
|                                    |          |         |           | Small Fab - Brake - 3 - B4B |                  |
| 150 QC 5                           | 4<br>pcs | 9/27/19 | 0.00 0.00 | QC 5 - 10                   |                  |
|                                    |          |         |           | QC 5 - 12                   |                  |
|                                    |          |         |           | QC 5 - 17                   |                  |
|                                    |          |         |           | QC 5 - 18                   |                  |
|                                    |          |         |           | QC 5 - 19                   |                  |
|                                    |          |         |           | QC 5 - 22                   |                  |
|                                    |          |         |           | QC 5 - 24                   |                  |
|                                    |          |         |           | QC 5 - 3                    |                  |
|                                    |          |         |           | QC 5 - 43                   |                  |
|                                    |          |         |           | QC 5 - 49                   |                  |
|                                    |          |         |           | QC 5 - 51                   |                  |
|                                    |          |         |           | QC 5 - 58                   |                  |
|                                    |          |         |           | QC 5 - 68                   |                  |
|                                    |          |         |           | QC 5 - 9                    |                  |
|                                    |          |         |           | QC 5 - 50                   |                  |
|                                    |          |         |           | QC 5 - 30                   |                  |
|                                    |          |         |           | QC 5 - 40                   | DAS 40           |
|                                    |          |         |           | QC 5 - 61                   | SEP 27 2019 9-59 |
|                                    |          |         |           | QC 5 - 81                   |                  |
| 160 Powdercoat - 3 Grey Sand - B4B | 4<br>pcs | 9/27/19 | 0.00 0.40 | Powdercoat - 1 - B4B        |                  |
|                                    |          |         |           | Powdercoat - 2 - B4B        |                  |
|                                    |          |         |           | Powdercoat - 3 - B4B        | BL 19-9-27       |
|                                    |          |         |           | Powdercoat - 4 - B4B        |                  |

180 QC 3

4  
pcs

9/27/19

0.00 0.00

QC 3 - 10

QC 3 - 13

QC 3 - 15

QC 3 - 17

QC 3 - 18

QC 3 - 2

QC 3 - 28

QC 3 - 3

QC 3 - 30

QC 3 - 34

QC 3 - 36

QC 3 - 41

QC 3 - 51

QC 3 - 58

QC 3 - 59

QC 3 - 68

QC 3 - 9

QC 3 - 40

QC 3 - 19

QC 3 - 43

QC 3 - 24

QC 3 - 61

QC 3 - 81

SEP 27 2019

DAS  
40  
9-89

210 Packaging 3-1 - Stock - B4B

4  
5 pcs

9/27/19

0.00 0.00

Packaging 3 - 1 - B4B

Packaging 3 - 2 - B4B

Packaging 3 - 3 - B4B ✓

Packaging 3 - 4 - B4B

Packaging 3 - 5 - B4B

Packaging 3 - 6 - B4B

Packaging 3 - 7 - B4B

Packaging 3 - 8 - B4B

Packaging 3 - 9 - B4B

Packaging 3 - 10 - B4B

Packaging 3 - 11 - B4B

Packaging 3 - 12 - B4B

Packaging 3 - 13 - B4B

Packaging 3 - 14 - B4B

Packaging 3 - 15 - B4B

Packaging 3 - 16 - B4B

Packaging 3 - 17 - B4B

Packaging 3 - 18 - B4B

Packaging 3 - 19 - B4B

Packaging 3 - 20 - B4B

Packaging 3 - 21 - B4B

Packaging 3 - 22 - B4B

Packaging 3 - 23 - B4B

Packaging 3 - 24 - B4B

Packaging 3 - 25 - B4B

Packaging 3 - 26 - B4B

Packaging 3 - 27 - B4B

Packaging 3 - 28 - B4B

Packaging 3 - 29 - B4B

Packaging 3 - 30 - B4B

Packaging 3 - 31 - B4B

Packaging 3 - 32 - B4B

Packaging 3 - 33 - B4B

Packaging 3 - 34 - B4B

Packaging 3 - 35 - B4B

Packaging 3 - 36 - B4B

ST 109

FR 9-27-2019

Rosales, Oscar

220 QC 21 - SA

5 4  
pcs

9/27/19

0.00 0.00

QC 21 - SA - 21 ✓

ST109

QC 21 - SA - 70

QC 21 - SA - 53

SEP 27 2019

Part Op 105 - 1-Cut as per Dwg Dwg Rev: A Prog Rev: A 2-Debur if necessary

Descriptions: 110 - (QC2- Inspect parts off machine FAI/FAIB)

125 - (QC8- Inspect parts - second check)

140 - (Form as per dwg)

150 - (QC5- Inspect part completeness to step on W/O)

160 - (Grey Sandtex (Ref 4.3 5.6) per QSI005 4.3) START TIME: 9:05FINISH TIME: 9:55-11/08/87 OVEN TEMPERATURE: 320°

180 - (QC3- Inspect Part Finish)

210 - (Identify as per dwg &amp; Stock Location: \_\_\_\_\_)

220 - (QC21- Final Inspection - Work Order Release)

## Job BOM

| Part / Item | Component Name     | Quantity           | Operation               | Container |
|-------------|--------------------|--------------------|-------------------------|-----------|
| M304S20GA   | 304/316 .040 Sheet | .5800 sf (.145 ea) | 105-Waterjet - Flow - 1 | 5175151   |

## Job Allocations

| Operation               | Component Part | Required | Inventory | Allocated |
|-------------------------|----------------|----------|-----------|-----------|
| 105-Waterjet - Flow - 1 | M304S20GA      | 1        | 126       | 0         |

## Part Specifications

Specifications could not be found.

Plex 9/11/19 2:56 PM Dart.lajeunesse.marie



Entered: \_\_\_\_\_ Date: \_\_\_\_\_

## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐



|                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                     |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Job: _____<br><br>Part No. _____        | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br>Skid-tube <input type="checkbox"/> Cross tube <input type="checkbox"/> Eng. (Non-AW) <input type="checkbox"/><br>Machining <input type="checkbox"/> Small Fab <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/><br>Large Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> | Engineering <input type="checkbox"/><br>Water Jet <input type="checkbox"/><br>Supplier <input type="checkbox"/><br>Quality <input type="checkbox"/> |
| Date : _____                            |                                                                                                                                   | QTY Affected : _____                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                     |
| Sequence #: _____                       |                                                                                                                                   | MRB (QSI042) _____                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                     |
| <b>Description Work Order Deviation</b> |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                     |
|                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                     |
| Completed By _____                      |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                     |
| Lead hand / Supervisor _____            |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                     |
| QC / QA Coordinator _____               |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                     |

  

| Root Cause                                                                                                                                                                                                                                                                                                                                                     | FAULT CATEGORY                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                  |  |  |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| Operator <input type="checkbox"/><br>Manufacturing Process <input type="checkbox"/><br>Equip/Tooling <input type="checkbox"/><br>Handling/Preservation <input type="checkbox"/><br>Material <input type="checkbox"/><br>Product Improvement <input type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Human Factors <input type="checkbox"/> | Pressure/Forced <input type="checkbox"/><br>Bending <input type="checkbox"/><br>Crushing <input type="checkbox"/><br>Cracks <input type="checkbox"/><br>Crimp/Kink/Ripple/Wave/Twist <input type="checkbox"/><br>Marks/Chatter <input type="checkbox"/><br>Mislabeled <input type="checkbox"/> | Contamination <input type="checkbox"/><br>Misaligned/off center <input type="checkbox"/><br>BOM/Route <input type="checkbox"/><br>Broken/Damage/Defect <input type="checkbox"/><br>Incomplete/Unclear Instructions <input type="checkbox"/><br>Drill Holes <input type="checkbox"/><br>Fit/Function <input type="checkbox"/> | Power Loss/Surge <input type="checkbox"/><br>Folio/Program <input type="checkbox"/><br>Grain Direction <input type="checkbox"/><br>Weld <input type="checkbox"/><br>Wrong Stock Pulled <input type="checkbox"/><br>Out of Sequence <input type="checkbox"/><br>Off-set/Set-up <input type="checkbox"/> | Positioned Wrong <input type="checkbox"/><br>Outside Tolerance <input type="checkbox"/><br>Drawing <input type="checkbox"/><br>Finish <input type="checkbox"/><br>Part Lost/Missing <input type="checkbox"/><br>Misread <input type="checkbox"/> |  |  |  |  |  |  |
| Other/Details: _____                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                  |  |  |  |  |  |  |